

APPENDIX COMS-AD

08/07/2018

Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

Revision 03

I. PWS ADDENDUM A - COMS: MCBH Kaneohe Bay Site Specific Requirements: The following paragraphs augment PWS Addendum A paragraphs with site specific requirements.

Addendum A, paragraph 1.1

1.1 SCOPE

Scheduling authority will reside with the Government. The USMC/USN Aircrew Training Systems (ATS) aboard MCBH Kaneohe Bay site are as follows:

Device	Serial #	Description Title	Support
2C81	2E	MV-22B Part Task Trainer (PTT)	On-Call
2F170	03	AH-1W Aircrew Procedures Trainer (APT)	COMS
2F195	11	MH-60R Tactical Operational Flight Trainer (TOFT)	COMS
2F196B	03	UH-1Y Flight Training Device (FTD)	COMS
2F200	11 and 12	MV-22B Containerized Flight Training Device (CFTD)	COMS
2F220	01	CH-53E Containerized Flight Training Device (CFTD)	COMS
2F227	01	AH-1Z Flight Training Device (FTD)	COMS
2F240	03 and 04	Universal Mission Simulator (UMS) (RQ7B Shadow)	On-Call
2F87(F)	06	P-3C Operational Flight Trainer (OFT)	CMS
2F179A	04	P-3C Tactical Operational Readiness Trainer (TORT)	COMS
2H164	03	CH-53E Enhanced Enlisted Aircrew Trainer (EAET)	On-Call
5C10	68	Night Imaging Threat Evaluation (NITE) Lab	On-Call
Table AD-01: Training Device List MCBH			

1.1.1 FUTURE DELIVERIES

This information is for planning purposes only.

Device	Serial #	Description Title	Install
2F219	TBD	P-8A Deployable Mission Rehearsal Trainer (DMRT)	FY20
2H166A	02	Marine Common Aircrew Trainer (MCAT)	FY19
2F157	07	Aviation Distributed Virtual Training Environment (ADVTE)/Network Exercise Control Center (NECC)	FY21
2F202F	TBD	P-8A Operational Flight Trainer (OFT)	FY23
Table AD-02: Future Training Device Installations MCBH (Projected)			

1.1.2 PLANNED DELETIONS

This information is for planning purposes only.

Device	Serial #	Description Title	Disposal
2F87(F)	06	P-3C Operational Flight Trainer (OFT)	TBD
Table AD-03: Future Training Device Disposals MCBH (Projected)			

1.1.3 PLANNED RELOCATIONS

NONE

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6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

1.1.4 PLANNED DEVICE MODIFICATIONS NONE

This information is for planning purposes only.

1.1.5 PLANNED SITE ACTIVATIONS/DEACTIVATIONS

This information is for planning purposes only.

Date	Action
01Oct18	MCBH Kaneohe Bay P-3C/P-8A devices from the COMS Maritime Task Order (TO) will transition to the WESTPAC-MCBH COMS TO
01Nov18	MCBH Kaneohe Bay USMC devices from the USMC ATS TO will transition to the WESTPAC-MCBH COMS TO.
01Jun19	MCBH Kaneohe Bay 2F195 MH60R device from the COMS-CIS H60 TO will transition to the WESTPAC-MCBH COMS TO.
Table AD-04: Planned Site Activations/Deactivations MCBH (Projected)	

1.2 Trainer Description

A functional and general description of each training device or individual training system and equipment is provided in Attachments to this Appendix.

Addendum A, paragraph 3.4

3.4.1 CONTRACTOR SUPPORT DATE (CSD)

The Contractor shall be responsible for mobilization (MOB) and assuming full performance responsibility at CSD. The CSD schedule for each site is provided in Table AD-5, below.

Device	S/N(s)	Qty	Mobilization (MOB)	CSD
2F87 (F)	06	01	01Aug18	01Oct18
2F179A	04	01	TBD	01Oct18
2F170	03	01	01Sep18	01Nov18
2C81	2E	01	01Sep18	01Nov18
2F220	01	01	01Sep18	01Nov18
2F227	01	01	TBD	01Nov18
2F196B	03	01	01Sep18	01Nov18
2F200	11 and 12	02	01Sep18	01Nov18
2F240	03 and 04	02	01Sep18	01Nov18
2H164	03	01	01Sep18	01Nov18
5C10	68	01	01Sep18	01Nov18
2F195	11	01	01Apr19	01Jun19
Table AD-05 Contractor Support Dates (CSD) MCBH				

Addendum A, paragraph 4.1.5.2

4.1.5.2.1 BASIC HOUSEKEEPING OF CONTRACTOR ASSIGNED SPACES.

The Contractor shall:

- a) Maintain general orderliness and cleanliness of Contractor assigned spaces in those spaces assigned/occupied by Contractor personnel;
- b) Be responsible for the orderliness and cleanliness of assigned trainers, trainer areas, Contractor offices/spaces, and other assigned spaces that are solely occupied by the Contractor;
- c) Provide all required equipment, materials and supplies to accomplish the tasks of maintaining safe and sanitary conditions of Contractor spaces;
- d) Comply with all Base/station/command recycling policies;

APPENDIX COMS-AD

08/07/2018

**Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS**

Revision 03

e) Empty and return to their original positions, all trash receptacles and other unclassified trash containers. Classified trash will be disposed of in accordance with governing directives. Boxes, cans and paper placed near receptacles and marked, or otherwise indicated to be "trash", shall also be removed; and

f) Maintain all trash receptacles in a clean and sanitary condition. Emptied trash receptacles shall have a new plastic liner inserted in them. Trash shall be placed in the nearest available dumpster. Collected trash will not be allowed to accumulate in hallways, stairways/stairwells, storage rooms, or outside of buildings.

The COR may require adjustment to the Contractor's cleaning schedule based on conflicting Command activities, whereby the Contractor will be required to adjust their schedule as necessary in coordination with the Contracting Officer's Representative (COR).

4.1.5.2.1.1(A) GENERAL HOUSEKEEPING FLOOR PLANS

The following floor plans are provided for planning purposes, however, additional plans may be found at each respective training site:

**APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS**

08/07/2018

Revision 03

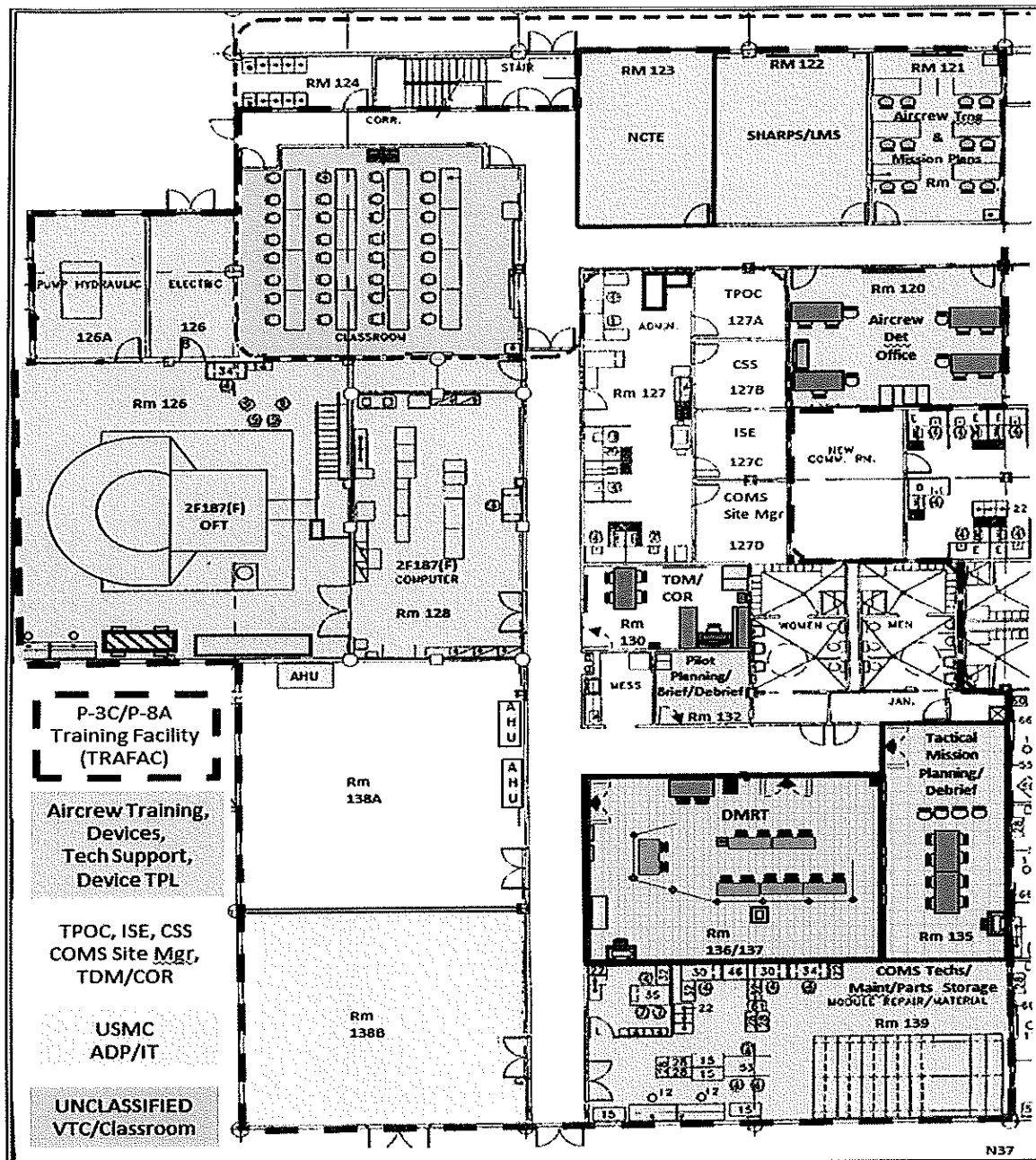
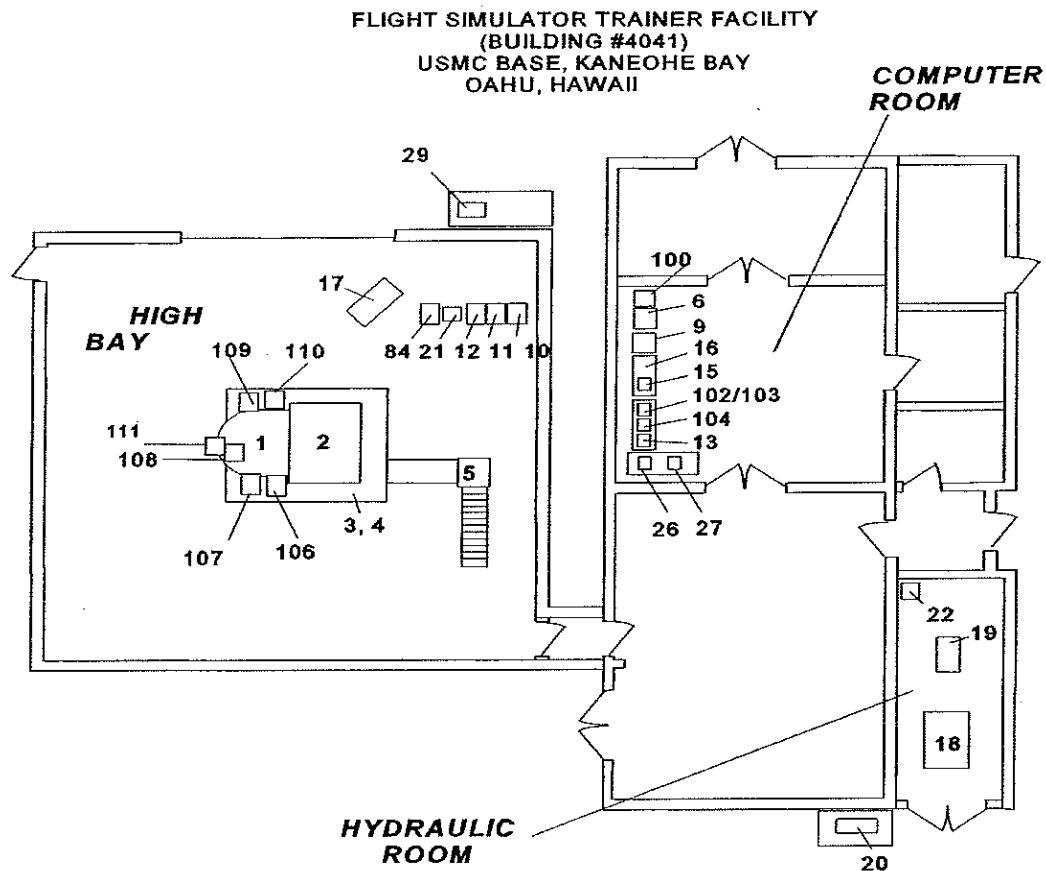


Figure AD-1: MCBH Kaneohe Bay CPRW-10 P-3C/P-8A Training Facility (TRAFAC)
Building 6468 First Floor Housekeeping

Note: Housekeeping requirements and Contractor assigned spaces are HIGHLIGHTED above, to include rooms: 126, 126A, 126B, 127D, 128, 130, 132, 135, 136 and 137.

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03



TRAINER EQUIPMENT (listed by Unit Reference Numbers)

1	Trainee Station	21	Maintenance ICS Station
2	Instructor Station	22	Maintenance ICS Station
3	Baseframe Assembly	26	Brief/Debrief Workstation
4	Motion Base Assembly	27	Debrief Monitor
5	Stairs & Access Ramp Assembly	29	Heat Pump, AC system (outside of building)
6	Power Distribution Cabinet	84	Aural/ICS Cabinet
9	Host Computer Cabinet	100	Image Generator
10	Computer Go Cabinet	102	Image Generator Terminal
11	Miscellaneous Equipment Cabinet	103	Image Generator Keyboard
12	Motion Electronics Cabinet	104	Image Generator Printer
13	Printer	106	Left Side Visual Display
15	Host Computer Terminal Cabinet	107	Left Quarter Visual Display
16	Remote Control Terminal	108	Forward Visual Display
17	Evaporation Cabinet, AC system	109	Right Quarter Visual Display
18	Motion Hydraulic Power Unit	110	Right Side Visual Display
19	Control Loading Hydraulic Power Unit	111	Chin Visual Display
20	Oil Cooler (outside of building)		

Figure AD-2: Space Diagram of MCBH Kaneohe Bay, HI USMC ATS Building 4041

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

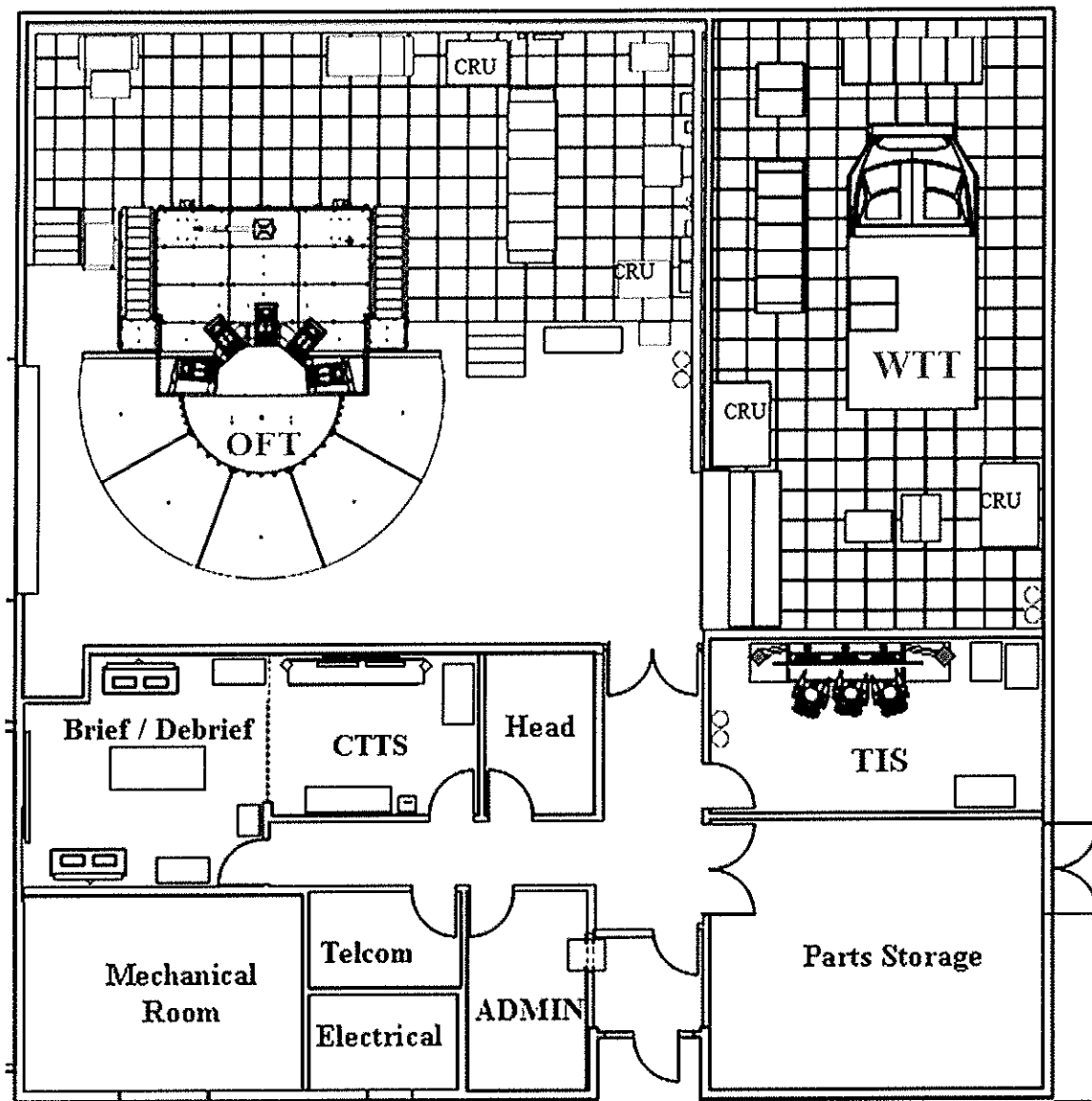


Figure AD-3: Building 6701 MH60R Spaces (Equipment Layout is Representative)

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
 08/07/2018
 Revision 03

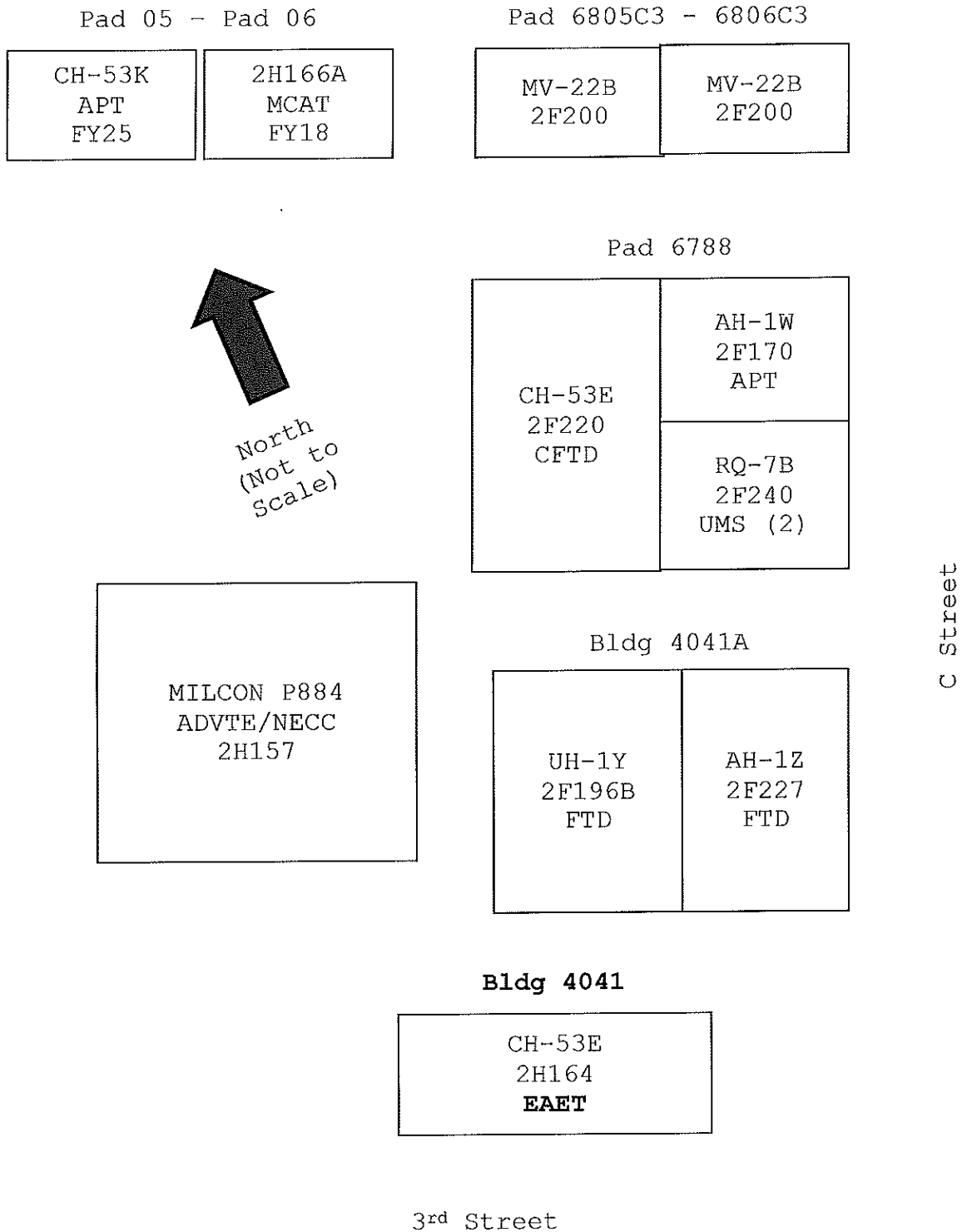


Figure AD-4 USMC ATS MCBH

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANE OHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

4.1.5.2.1.3 SAFETY REQUIREMENTS.

The Contractor shall:

- a) Ensure all materials not immediately in use must be picked up, and work areas kept free of hazards;
- b) Dispose of or store in tightly covered metal containers any rags, mops, brushes, wax and other combustible materials, which contain a residue of animal, vegetable, or other mineral oils, and are subject to spontaneous ignition;
- c) Ensure all supplies are stored in an approved manner, as required by applicable regulations. In no case shall rags of cloth be permitted to accumulate in boxes or cans. Clean rags may be stored in metal containers, provided the containers are equipped with a tight fitting lid, which is kept in place at all times;
- d) Conform to all rules and regulations for Hazardous Material (HAZMA) and submit reports as required;
- e) Report all HAZMAT incidents in accordance with (IAW) Base, local, state and federal HAZMAT regulations; and
- f) Conduct inspections of all assigned spaces during each working shift to ensure compliance with all base, local, state and federal HAZMAT regulations.

Addendum A, paragraph 4.1.5.3

4.1.5.3.1 Contractor Owned Computer Cyber Security Requirements. Contractor owned/provided computers brought into MH60R BLDG 6701 shall as a minimum meet the following Cyber Security conditions:

- a) Current DoD approved antivirus program installed and operating;
- b) Antivirus definitions shall be updated weekly; and
- c) Antivirus scans shall be run monthly, to include review of system, security and application logs by the Information Assurance Manager (IAM) or their designated Information Technology (IT) representative.

Addendum A, paragraph 4.1.6

4.1.6.1.1 Site Access Control. No staffed entry points are required. The Contractor shall provide access control for all assigned spaces and devices, a minimum of (30) minutes prior to first scheduled training event, or whenever Contractor personnel are present, and ensure only authorized persons are allowed space/device access. In the event of an emergency, the COR or designated Government representative may contact and require COMS personnel presence. During normal scheduled training hours and at all other time when COMS personnel occupy a training system structure, the Contractor shall:

- a. Accept/receive COMS Contractor related deliveries;
- b. Conduct building walk through, to ensure Contractor assigned safes and doors are locked, and the building alarm is armed/disarmed at the beginning and close of business hours, or as directed by the COR;
- c. Adhere to MCBH Kaneohe Bay site specific policies and procedures;
- d. Notify Base Fire, Medical or Security departments, as needed;
- e. Participate in fire drills and alarm testing;
- f. Notify the COR of any unescorted visitors or Base Fire, Medical, Security personnel requesting access; and
- g. Notify the COR and Base Security of any suspected breach of security/access policies.

4.1.6.1.1.1 ACCESS FOR BLDG. 6468, MCBH KANE OHE BAY, HI (P3C/P8A)

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

Access for Bldg. 6468 is controlled utilizing an electronic access control system. Keys (both electronic and mechanical) will be issued to the Contractor, and shall be maintained IAW CPRW-10 instructions and directives. The Contractor shall immediately report any lost keys to the COR.

4.1.6.1.1.2 ACCESS FOR BLDG. 4041, MCBH KANEOHE BAY, HI (USMC DEVICES)

Access of building 4041, shall be the responsibility of the Contractor. Access will normally be required for aviation training IAW published training schedules. When the Contractor has completed device operation and maintenance, the building shall be locked and secured.

4.1.6.1.1.3 ACCESS CONTROL FOR BLDG. 6701, MCBH KANEOHE BAY, HI (MH60R)

Access for Building 6701 will be normally be accomplished via an electronic access control system. Keys (both electronic and mechanical) will be issued to the Contractor, and maintained IAW HSMWP instructions and directives. The Contractor shall immediately report any lost keys to the COR.

Addendum A, paragraph 4.2.1.1

NOTE: For proposal purposes, refer to the Price Evaluation Worksheet (Attachment L-2) for requirements. Contracted Training Time (CTT) requirements will be specified by the Government at award for the contract Base Year and when optioned for subsequent option years/LOTS.

4.2.1.1.1 CONTRACTED TRAINING TIME (CTT).

Training Operations shall be provided in each Fiscal Year (FY) as per exercised contract CLIN/SLIN from one of the CTT stair steps depicted in Tables AD-06 thru AD-10.

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F220	Serial No.	01
Device Location	MCBH Kaneohe Bay, HI	Device Name	CH-53E CFTD
Normal Training Schedule (Monday-Friday) 0800-1600 local:		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS</u> required for CH-53E CFTD utilization.	
40	08		
60	08		
80	08		
100	08		
Notes			
1 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
2 - CTT may be shifted between USMC devices with coordination and direction from the COR and Site Manager approval.			
3- Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
Table AD-06 CH-53E 2F220 CFTD CTT MCBH			

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F196B	Serial No.	03
Device Location	MCBH Kaneohe Bay, HI	Device Name	UH-1Y FTD
Normal Training Schedule (Monday-Friday) 0800-1600 local		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS</u> required for all scheduled UH-1Y FTD utilization.	
40	08		
60	08		
80	08		
100	10		
Notes			
1 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
2 - CTT may be shifted between USMC devices with coordination and direction from the COR and Site Manager approval.			
3- Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
Table AD-07 UH-1Y 2F196B FTD CTT MCBH			

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F170	Serial No.	03
Device Location	MCBH Kaneohe Bay, HI	Device Name	AH-1W APT
Normal Training Schedule (Monday-Friday): 0800-1600 local		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS</u> required for all scheduled AH-1W 2F170 APT utilization.	
40	08		
60	08		
80	08		
100	10		
Notes			
1 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
2 - CTT may be shifted between USMC devices with coordination and direction from the COR and Site Manager approval.			
3 - Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
Table AD-08 AH-1W 2F170-3 APT CTT MCBH			

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F200	Serial No.s	11/12
Device Location	MCBH Kaneohe Bay, HI	Device Name	MV-22B CFTD
Normal Training Schedule (Monday-Friday) 0800-1600 local		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS NOT</u> required for all scheduled MV22B 2F200 CFTD utilization. Dedicated Instructor/Operator Station (I/OS) support (<u>single operator</u>) required for all <u>networked</u> training events. Estimate (2-3) networked events per week.	
20	08		
40	08		
60	08		
80	08		
Notes			
1 - Selected HPM CTT reflects single (1) 2F200 device			
2 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
3 - CTT may be shifted between USMC devices with coordination and direction from the COR and Site Manager approval.			
4 - Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
Table AD-09 MV22B 2F200 CFTDs CTT MCBH			

APPENDIX COMS-AD

08/07/2018

Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI

Revision 03

SITE SPECIFIC REQUIREMENTS

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F195	Serial No.s	11
Device Location	MCBH Kaneohe Bay, HI	Device Name	MH60R TOFT
Normal Training Schedule (Monday-Friday) 0800-1600 local		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS</u> required for all scheduled MH60R 2F195 TOFT utilization.	
60	08		
80	08		
100	08		
120	08		
Notes			
1 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
2 - CTT may be shifted between MH60R/P3C/P8A devices with coordination and direction from the COR and Site Manager approval.			
3 - Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
4- Contractor required conversion to/from linked flight and tactics stations within fifteen (15) minutes from user completion of prior training event.			
5 - Device may be operated integrated or independently			
6 - There is one (1) non-facility air conditioning unit supplied with the device to provide cooling for the OFT Cockpit. The non-facility unit will be the responsibility of the contractor.			
Table AD-10 MH60R 2F195 TOFT CTT MCBH			

CONTRACTED TRAINING TIME (CTT)			
Device Designation	2F227	Serial No.	01
Device Location	MCBH Kaneohe Bay, HI	Device Name	AH-1Z FTD
Normal Training Schedule (Monday-Friday): 0800-1600 local		Remarks	
Hours Per Month (HPM)	Not-to-Exceed (NTE) HP Day (HPD)	Continuously staffed device operations <u>IS</u> required for all scheduled AH-1Z 2F227 FTD utilization.	
40	08		
60	08		
80	08		
100	08		
Notes			
1 - No planned weekend training, however, weekend training may be required for remediation of students and/or other government specified additional training, and will be scheduled, when known, per Addendum A, and accomplished through use of COMS Premium Time (PT). For informational purposes, COMS PT on weekends will normally be within the following windows: 0800-1800 Saturday and/or 0800-1800 Sunday.			
2 - CTT may be shifted between USMC devices with coordination and direction from the COR and Site Manager approval.			
3 - Daily Not-to-Exceed (NTE) CTT may be exceeded with COR and SM approval			
Table AD-11 AH-1Z 2F227-1 FTD CTT MCBH			

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

4.2.1.2.1 MAINTENANCE SUPPORT HOURS (MSH).

Training Maintenance Support Hours shall be provided in each Fiscal Year (FY) as per exercised contract CLIN/SLIN from one of the MSH stair steps depicted in Table AD-11.

Contractor Maintenance Services (CMS)			
DEVICE	2F87 (F)	SERIAL No. (s)	06
LOCATION	MCBH Kaneohe Bay, HI, Bldg. 6468	Platform / Type Device	P-3 OFT
Normal Training Window		Monday-Friday 0700-1500 local	
1-CMS to include Preventative/Corrective Maintenance (PM/CM), device initialization and shutdown (on scheduled training event days).			
2-Contractor shall conduct PM/CM IAW device Original Equipment Manufacturer (OEM), Maintenance Requirement Cards (MRCs) and Commercial Off-the-Shelf (COTS) documentation, as appropriate.			
3-Contractor shall ensure qualified support is available during MSH.			
4-Contractor shall respond to any maintenance requests within a two (2) minute response time.			
5-COMS will notify the site/device Contracting Officer's Representative (COR) and Site Manager (SM), if device is not operational/available for training events, within six (6) hours after being notified.			
6-Contractor shall inspect and repair any discrepancies reported by the Government/military users.			
7-The Contractor shall follow its COMS Maintenance/Support Plan procedures and paragraph 4.3.2.5 of the PWS as the appropriate level of service and support upon request			
8- No weekend training requirements planned			
Table AD-12: 2F87F CMS MSH MCBH			

Contractor Operations and Maintenance Services (COMS)			
DEVICE	2F179A	SERIAL No. (s)	04
LOCATION	MCBH Kaneohe Bay, HI, Bldg. 6468	Platform / Type Device	P-3 TORT
(80) HPM	NTE (8) HPD	Normal Training Window	Monday-Friday 0700-1500 local
1-COMS to include Preventative/Corrective Maintenance (PM/CM), device initialization and shutdown (on scheduled training event days). 2-Contractor shall conduct PM/CM IAW device Original Equipment Manufacturer (OEM), Maintenance Requirement Cards (MRCs) and Commercial Off-the-Shelf (COTS) documentation, as appropriate. 3-Contractor shall respond to any maintenance requests within a two (2) minute response time. 4-COMS will notify the site/device Contracting Officer's Representative (COR) and Site Manager (SM), if device is not operational/available for training events, within six (6) hours after being notified. 5-Contractor shall inspect and repair any discrepancies reported by the Government/military users. 6-The Contractor shall follow its COMS Maintenance/Support Plan procedures and paragraph 4.3.2.5 of the PWS as the appropriate level of service and support upon request 7- No weekend training requirements planned			
Table AD-13: P3C 2F179A TORT COMS MCBH			

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

Addendum A, paragraph 4.2.1.8

4.2.1.8(a) Networking Devices External to MCBH K-BAY Training Devices. In response to the Government scheduling authority's training schedule, the Contractor shall:

- a) Support activities across multiple training devices for uncoupled and coupled events and for Fleet Synthetic Training (FST) or similar events to support daily, weekly and long term scheduling requirements;
- b) Ensure COMS operational support personnel available for successful training event execution;
- c) Ensure student and instructor access privileges for all scheduled training systems; and
- d) Advise aircrews on training system equipment status and limitations prior to any scheduled training events.

Addendum A, paragraph 4.2.1.8.1

4.2.1.8.1 CONTINUOUSLY STAFFED DEVICE OPERATIONS.

4.2.1.8.1.1 Continuously staffed device operational personnel shall:

- a) Conduct training in and be familiar with the specific assigned training device Instructor/Operator Station (I/OS) and Brief/Debrief Station (BDS), on a not-to-interfere basis with scheduled training missions;
- b) Be able to quickly respond to user requests during the supported training;
- c) Be able to fully exploit all operational characteristics of the training device assigned event;
- d) Consult with the Shift Supervisor/Maintenance personnel and review the device maintenance logs, to ensure user awareness of the current condition and potential event limitations of the trainer;
- e) Ensure all maintenance materials are properly stowed, access panels and equipment are properly installed and secured, and the trainer is clean;
- f) Perform a safety inspection of the trainer and the adjacent areas;
- g) Review all necessary data and material regarding the scheduled training mission;
- h) Participate in the training period briefing/debriefing session and operate briefing room equipment, if requested;
- i) Provide user instruction on device I/OS and BDS, as requested; and
- j) Ensure BDS is available and operational one (1) hour before and one (1) hour after scheduled training events.

4.2.1.8.1.2 MCBH Kaneohe Bay USN/USMC, continuously staffed operational personnel are required for all: 2F170, 2F195, 2F196B, and 2F220 devices during scheduled CTT. Note: Projected Future Deliverable requirements not reflected.

Addendum A, paragraph 4.2.1.8.4

4.2.1.8.4.1 Contractor Assist to Walk-In Users. Contractor personnel shall assist walk-in students, instructors or other users by operating the trainer from the instructor-operator console when requested, during scheduled CTT windows, or as coordinated with COR and SM.

Addendum A, paragraph 4.2.2.1.3

4.2.2.1.3.1 ON-CALL SUPPORT SERVICE.

APPENDIX COMS-AD

08/07/2018

**Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS**

Revision 03

The On-Call maintenance support rate established in Section B (Price Breakout Worksheet (PBW)) is a fixed unit price. Although tasking for On-Call maintenance support for this device as described below will utilize a limited, not-to-exceed (NTE) construct, the Government controls the amount of hours and authorized levels of maintenance action/repair of the designated devices on a case-by-case basis. The fixed unit price rate is for the time requested by the Contractor to accomplish maintenance actions/repairs. Reimbursement to the Contractor for On-Call maintenance support will be made utilizing the hourly On-Call maintenance support rate specified in Section B of the Task Order (TO). The On-Call maintenance support rate equates to one (1) work-hour of effort and is a composite rate, which does not reflect the rate of any one-labor category, whereby the composite rate will not be subject to the adjustment provided for under FAR 22.10. The On-Call maintenance support rate contained within the PBW, is at the man-hour level.

On-Call Support services may be applied to any training device or equipment not supported under COMS or CMS requirements. Training device(s) or equipment may be added to or deleted from the On-Call requirements at any time during the execution of this TO without adjustment to the per hour labor rate. The following devices or equipment are the current known requirements:

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

Device	S/N	Description
2C81	2E	MV-22B Part Task Trainer (PTT)
2H164	03	CH-53E Enhanced Aircrew Externals Trainer (EAET)
2F240	03/04	Universal Mission Simulator (UMS) (RQ7B Shadow - digital)
5C10	68	Night Imaging Threat Evaluation (NITE) Lab
Table AD-14: On-call Support Services Trainer List MCBH		

4.2.2.1.3.2 On-Call Maintenance Support Procedures

The Contractor shall not proceed with any On-Call maintenance support unless authorized by the COR. The respective COR will task and log all On-Call maintenance Contractor support actions, utilizing the On-Call Maintenance Support Log (Attachment 6). **THE COR WILL NOT, UNDER ANY CIRCUMSTANCES, AUTHORIZE THE CONTRACTOR TO PERFORM MAINTENACNE ACTION(s) IF SUFFICIENT FUNDS HAVE NOT BEEN OBLIGATED AND ON CONTRACT.** Once the COR has approved, the Contractor shall perform prescribed Level I maintenance actions on a NTE limit of eight (8) hours labor and up to \$1500 in supply support for each approved Level I maintenance requirement. For On-Call maintenance support actions that are estimated to exceed either the eight (8) hours or the \$1,500 supply support allowance, the Contractor shall submit a firm-fixed price (FFP) proposal to the NAWCTSD PCO via the COR. This is defined as a Level II repair and requires formal modification of the task order before maintenance actions can proceed.

4.2.2.1.3.2.1 On-Call Maintenance Support Log

For each authorized maintenance support action, the COR will generate an entry utilizing the On-Call Maintenance Support Log (Attachment 6).

4.2.2.1.3.2.2 On-Call Maintenance Support Authorization/Completed Services Form

The COR will ensure that the attached On-Call Maintenance Support Authorization/Completed Services Form (Attachment 7) is filled out to for each approved maintenance action. The Contractor shall complete the bottom portion of the On-Call maintenance support Authorization/Completed Services Form and submit to the COR within one (1) working day. The Contractor shall provide all associated receipts (attached to completed form) for all costs claimed, and must demonstrate how costs are fair and reasonable to the Government.

4.2.2.1.3.2.3 On-Call Maintenance Support Reporting

The Contractor shall include the On-Call Maintenance Support Log and document all maintenance actions, to include supply support, on separate tabs in the monthly Contract Data Requirements List (CDRL) A004.

4.2.2.1.3.2.4 Escalation of Maintenance Task

If a fault is encountered while running a training scenario, the users shall reset the system using its "RESET" function. If the fault is not corrected, the user shall contact the COR/ACOR for assistance. The COR/ACOR will evaluate the condition of the device and will contact the COMS Site Manager with a request to perform an On-Call Time and Material effort to correct the device fault(s).

Software related issues are referred to the ISEO for action.

4.2.2.1.3.2.5 Spares and Repairable Items

Spares will be controlled and maintained by the COR/ACOR located at each site. Spare parts will be issued to the COMS Contractor as required. With an Over and Work Request (OAWR) effort initiated by the COR/ACOR, the consumed/repairable spares will be replenished/repared by the COMS Contractor

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

4.2.2.1.3.2.5.1 5C10 NITE Lab Spares and Repairable Items

The NITE Lab repairable spare Aechelon™ Image Generator identified in Table AD-15 will be stored at Marine Aviation Weapons and Tactics Squadron ONE (MAWTS-1) Yuma, AZ.

If on-site troubleshooting identifies the NITE Lab Aechelon™ Image Generator (IG) has failed, COMS shall contact the COR and MAW-1 Model Manager with nomenclature, part number (P/N), and serial number (S/N) of the failed component for replacement. The COMS Contractor shall pack and ship the failed part via traceable means to the OEM using best commercial practices, and ensure the Original Equipment Manufacturer (OEM) packages and ships, via traceable means, the replacement item to the site using best commercial practices to prevent damage.

Other NITE Lab spares will be controlled and maintained by the site NITE Lab Aeromedical Safety Officer (AMSO)/COR. NITE Lab spare parts will be issued to the COMS Contractor as required. Consumed/repairable spares will be replenished/repared by the COMS Contractor via an OAWR initiated by the COR.

Component Name	Part Number	Quantity
Aechelon™ Image Generator (Located MAWTS-1 NITE Lab Model Manager, Yuma	001-0004-019	01

Table AD-15 5C10 NITE Lab Spares MCBH

Addendum A, paragraph 4.2.2.1

4.2.2.2(a) Uninterruptable Power Supplies (UPS).

The Contractor is responsible for **ALL** UPS systems used to power any MCBH USN/USMC ATS. UPS shall be maintained in a fully operational condition at all times. All batteries will be changed at a **minimum** of every five (5) years at Contractor expense. The following table provides, to the best of the Government's knowledge, the most recent battery replacement dates:

Device Supported	Manufacturer	UPS Model	Battery Quantity	Battery Part Number	Date of Battery Replacement
2F179A	Eaton	9390-80	40	UPS12-310FR	2017
2F87(F)	Mitsubishi	1MC2-30TC90S-360-H125-UL	30	TC1290S	2008
2F195	Mitsubishi	UP1133A-A403SU-2	24	12HX505-FR	2014

Table AD-16 Uninterruptible Power Supply (UPS) Battery Replacements MCBH

4.2.2.2(b) Corrosion Control.

Contractor shall be responsible for the repair of all corrosion problems, both internal and external, of all the training devices including the trainer containers. Devices installed in self-contained facilities may incur above normal corrosion due to the environment and weather. Contractor shall be responsible for the following:

- a) Performance of visual inspections of trainer/trainer facilities IAW Maintenance Requirement Card (MRC) or Quality Control (QC) program;

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

- b) Identify and localize any problem areas and provide information and schedule for repairs to the COR;
- c) Removal and treatment of visible rust to include but not limited to patching, priming and painting (if applicable);
- d) Compliance with all station and local policies concerning generating and disposal of hazardous material;
- e) Performance of visual inspection of repairs with the COR.

The Contractor shall perform the following functions at the identified intervals and report all discrepancies to the COR:

- 1) Monthly:
 - a. Perform general inspection and repair of simulator enclosure (interior and exterior) to include: water leaks; structure damage; foundation issues; and electrical wiring.
 - b. Ensure that overlap between wall and roof panels are not separated and stitching screws are secure.
- 2) Quarterly:
 - a. Inspect the foundation bolts attaching simulator enclosure to the concrete pad, ensure bolts are secure and there is no evidence of water intrusion between the steel enclosure and concrete floor;
 - b. Ensure that the heat ventilation and air-conditioning (HVAC) units and the protective cages are secure and show no evidence of water intrusion.
- 3) Bi-annual:
 - a. Clean simulator enclosure exterior with mild detergent;
 - b. Inspect all hardware for corrosion to include exterior screws, doors, HVAC units and cages; and
 - c. Inspect all access doors' weather stripping for damages and repair as necessary.

Addendum A, paragraph 4.2.2.7

4.2.2.7 Cybersecurity.

The Contractor shall be responsible for the cybersecurity tasks/activities to sustain included, but not limited to items marked by "X", Table 4.2-2.

NO	Tasks/Activities	Frequency	Standalone- Unclassified Devices: 5C10	Standalone Classified Devices: 2F87	Connected Classified Devices: 2F195
1	User Account Mgmt (Establish and administer system accounts CSW lead SA process)	As required (Monthly)	X	X	X
2	Audit Log Activities (review logs weekly, flag events for lead SA analysis, and archive logs as necessary)	Weekly	X	X	X

APPENDIX COMS-AD

08/07/2018

Marine Corps Base Hawaii (MCBH) KANE OHE BAY, HI

Revision 03

SITE SPECIFIC REQUIREMENTS

3	Implement patches and software updates as directed by ISSO/ISEO; Report implementation status to COR/ISEO	Quarterly/As required		X	X
4	Configure malicious code protection (Antivirus) mechanisms and perform periodic scans. (execute scans, sanitize system, update date/files)	Monthly Standalone/Weekly - Connected	X	X	X
5	Assist ISE/Designated Authority with Configuration Management Develop/maintain IAVM patch tracking system and reporting. Provide updates to CM Manager. Note: The CM Group evaluates the baselines, IAV changes and produces reqd patches must do CM. Site personnel should do CM in the sense they know what patches were installed, this will validate the sites did what the Master CM was expecting	Quarterly		X	X
6	Perform Routine Audit Logs Backups	Weekly	X	X	X
7	Perform Routine System Backups	As Required (Monthly)	X	X	X
8	Execute Recovery or Cold Start when required	As Required (Quarterly)	X	X	X
9	Assist ISEO or Designated Authority verify security controls/	Quarterly		X	X

APPENDIX COMS-AD

08/07/2018

Marine Corps Base Hawaii (MCBH) KANE OHE BAY, HI

Revision 03

SITE SPECIFIC REQUIREMENTS

	STIG/CTO compliance per Continuous Monitoring Plan. Report Discrepancies				
10	Assist ISEO/ISSO/Designated Authority prepare the system for Annual Reviews or Re-Assessments or Re-Authorizations for areas of responsibilities.	Annually		X	X
11	Assist COR Execute Cybersecurity Incidents Reporting as required	As Needed	X	X	X
12	Assist ISEO establish/maintain a Configuration Management Policy and Procedures to comply with security controls CM-1 to CM-11, including addressing purpose, scope, roles, responsibilities and procedures for configuration managing controls. Establishment of CCB that includes; ISSO, ISEO and COMS personnel	Quarterly		X	X
15	Receive guidance from ISSO/ISSM with respect to security impact on proposed changes. Assist ISEO implement a testing process to verify proposed configuration changes prior to implementation in the operational environment.	Quarterly			X

APPENDIX COMS-AD

08/07/2018

Marine Corps Base Hawaii (MCBH) KANEOHE BAY, HI

Revision 03

SITE SPECIFIC REQUIREMENTS

22	Assist ISSO/Designated Authority in preparing mitigations and POA&M updates	As required (Quarterly)		X	X
23	Configure ACAS and perform vulnerability scans as directed by ISSO/ISEO	Quarterly - Standalone/Monthly - Connected			X
24	Assist ISEO/ISSO Upload Scans to VRAM	Quarterly		X	X
28	Assist ISEO/ISSO execute annual assessments and upload report/test results into eMASS.	Annually		X	X
29	Annual Cybersecurity Refresher Training	Annually	X	X	X
30	Cybersecurity Workforce Qualification and Continued Education	Annually	X	X	X
31	Assist ISEO/ISSO with Host Base Security System (HBSS); Configuration, Policy management and patching	Quarterly		X	X
32	Assist ISEO/ISSO/Designated Authority maintain Public Key Infrastructure (PKI) or other Technical Solution, and Active Directory services to provide Two-Factor Authentication	Monthly		X	X

Notes:

- Cybersecurity tasks may be accomplished during scheduled trainer downtimes, nights, weekends and holidays.

Addendum A, paragraph 4.7

4.7.1 Maintenance Training

6643-A-0444
APPENDIX COMS-AD
Marine Corps Base Hawaii (MCBH) KANEHOE BAY, HI
SITE SPECIFIC REQUIREMENTS

N61340-18-F-0071
08/07/2018
Revision 03

4.7.1.1 Maintenance personnel shall be certified on the MCBH Kaneohe Bay device(s) through a syllabus developed by the Contractor and authorized by the COR(s) IAW Addendum A, paragraph 4.7. In the event maintenance personnel do not satisfy the COR's requirements, the COR has the authority to require the Contractor to remove the personnel until the individual is re-certified and accepted by the COR. Maintenance personnel shall be required to operate the I/OS during a scheduled mission not less than (NLT) once in a 30-day period in order to retain their certification on that device.

4.7.1.2 Original Equipment Manufacturer (OEM) Training. The Government may procure OEM or specialized system/subsystem qualified resources training necessary to attain maintenance/equipment licenses or certifications. The Contractor shall assign appropriately qualified personnel to attend all such training as designated by the Government, shall retain the ability to train its workforce (except where instructor certification may be required) or acquire additional training as required, and shall maintain an adequate number of qualified personnel with the specific licenses or certifications throughout the program period of performance that the Government procured training delivered.

For the 2F195 MH-60R TOFT device at MCBH K-BAY, the Contractor shall maintain a minimum of two (2) technical support personnel on-site with the Visual/Video Systems (VS) specialization with certification by Barco™, Inc for Expert Level III training in the Barco Sim7QP projector maintenance. The COR may waive this requirement for no more than one employee for up to six (6) months.

Addendum A, paragraph 4.8

4.8.1 (c) System Administrator (SA). The System Administrator is consider key personnel and must meet all requirements as defined in Addendum A 4.8.1 paragraph c. The SA must have an in-depth working knowledge and understanding of operating systems, hardware performance, evaluations, network concepts and operations and techniques related to the cybersecurity requirements and interfacing security programs; must have an in-depth knowledge and understanding of computer security management and related interfacing security programs.

The Contractor shall staff an adequate quantity of certified, qualified and experienced personnel to meet SOW requirements. At MCBH Kaneohe Bay, the Contractor shall maintain a minimum of one (1) System Administrator support employee on-site certified to Journeyman Proficiency Level.